

Genome version 5.1.3
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OM protein - protein search, using sw model

Protein: *Genome 17, 2003, 3644-27* : Search times: 0.214s Sequences
(without alignments)
32,360 Million cell updates/sec

Hit(s): us-09-856-070-25

Perfect score: 23

Sequence: 1 MLEQ 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 120291 seqs, 14874914 residues 120001

Total number of hits satisfying chosen parameters: 120001

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications, AA:*

- 1: /cgn2.6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 2: /cgn2.6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 3: /cgn2.6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2.6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2.6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2.6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2.6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 8: /cgn2.6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2.6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 10: /cgn2.6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
- 11: /cgn2.6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 12: /cgn2.6/ptodata/2/pubpaa/US10_PUBCOMB.pep.*
- 13: /cgn2.6/ptodata/2/pubpaa/US03_NEW_PUB.pep.*
- 14: /cgn2.6/ptodata/2/pubpaa/US03_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	23	100.0	12	9	US-09-840-277-47
2	23	100.0	92	10	US-09-764-853-443
3	23	100.0	635	10	US-09-925-399-896
4	21	91.3	33	10	US-09-864-761-43078
5	21	91.3	33	10	US-09-864-761-45213
6	21	91.3	56	10	US-09-864-761-389
7	21	91.3	367	10	US-09-882-166-2
8	21	91.3	502	10	US-09-779-429-1
9	21	91.3	581	10	US-09-945-402-001
10	21	91.3	1024	10	US-09-815-242-4957
11	21	91.3	1180	10	US-09-815-242-10552
12	20	87.0	25	10	US-09-908-322-56
13	20	87.0	36	10	US-09-864-761-47178
14	20	87.0	55	10	US-09-728-912-3
15	20	87.0	62	10	US-09-867-550-1149
16	20	87.0	62	10	US-09-864-761-49166
17	20	87.0	91	10	US-09-815-242-12353
18	20	87.0	91	10	US-09-815-242-12748
19	20	87.0	97	10	US-09-864-761-40162

20	87.0	124	9	US-10-060-845-9	Sequence 9, Appli
21	87.0	124	12	US-10-072-159-9	Sequence 9, Appli
22	87.0	145	10	US-09-893-737-148	Sequence 148, App
23	87.0	189	9	US-09-738-626-5153	Sequence 5353, Ap
24	87.0	206	10	US-09-880-729-144	Sequence 149, App
25	87.0	207	10	US-09-800-729-113	Sequence 113, App
26	87.0	212	10	US-09-815-242-5119	Sequence 5119, Ap
27	87.0	232	10	US-09-855-561A-4	Sequence 4, Appli
28	87.0	232	10	US-10-007-805-517	Sequence 517, App
29	87.0	234	10	US-09-815-242-11931	Sequence 11931, A
30	87.0	278	12	US-10-007-805-515	Sequence 515, App
31	87.0	312	9	US-09-738-626-5152	Sequence 5152, Ap
32	87.0	425	9	US-09-738-626-5152	Sequence 5152, Ap
33	87.0	426	10	US-09-815-242-10598	Sequence 10598, A
34	87.0	360	10	US-09-825-561A-18	Sequence 18, Appl
35	87.0	376	9	US-09-854-133-188	Sequence 188, App
36	87.0	376	10	US-09-738-626-5152	Sequence 188, App
37	87.0	379	9	US-10-078-059-3	Sequence 3, Appli
38	87.0	413	10	US-09-728-912-2	Sequence 2, Appli
39	87.0	414	10	US-09-820-893-59	Sequence 59, Appl
40	87.0	415	10	US-09-750-964-5	Sequence 6, Appli
41	87.0	449	10	US-09-732-618-24	Sequence 24, Appl
42	87.0	449	10	US-09-732-618-25	Sequence 25, Appl
43	87.0	452	9	US-09-738-626-5152	Sequence 648, Ap
44	87.0	457	10	US-09-888-615-110	Sequence 110, App
45	87.0	480	10	US-09-820-893-108	Sequence 108, App

ALIGNMENTS

RESULT 1
US-09-840-277-47
Sequence 47, Application US/59846277
Patent No. US-09-0168363A1
GENERAL INFORMATION:
APPLICANT: FELICE, ULRICH
APPLICANT: KONO, TADAHITO
APPLICANT: LACEY, DAVID LEE
APPLICANT: BOONE, THOMAS CHARLES
TITLE OF INVENTION: INTEGRIN/ADHESION ANTAGONISTS
FILE REFERENCE: A-688A
CURRENT APPLICATION NUMBER: US/09/840,277
CURRENT FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: 60/198,919
PRIOR FILING DATE: 2000-04-21
PRIOR APPLICATION NUMBER: 60/201,394
PRIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 135
SOFTWARE: Patent version 3.1
SEQ ID NO 47
LENGTH: 12
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Integrin antagonist peptide
US 09 840 277-47

Query Match 100.0% Score 23. Seq 9. Length 12
Best Local Similarity 100.0% Pred. No. 2.6
Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0

Query 1 MLEQ 5

DB 6 MLEQ 10

RESULT 2

US-09-764-853-443
Sequence 443, Application US/09764853
Patent No. US-09-0060672A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 ; FILE REFERENCE: P206
 ; CURRENT APPLICATION NUMBER: US/04/764,853
 ; CURRENT FILING DATE: 2001-01-17
 ; Prior application data removed - consult PALM or file wrapper
 ; NUMBER OF SEQ ID NOS: 939
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 443
 ; LENGTH: 82
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (5)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L amino acids
 US 09-764,854-443

Query Match 100.0%; Score 23; DB 10; Length 82;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 34 MRLQ 38

RESULT 4
 US 09-925,299-896
 ; Sequence 896, Application US/09925299
 ; Patent No. US2002055627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: P102
 ; CURRENT APPLICATION NUMBER: US/09/925,299
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05883
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-04-12
 ; NUMBER OF SEQ ID NOS: 1556
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 896
 ; LENGTH: 635
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US 09-925,299-896

Query Match 100.0%; Score 23; DB 10; Length 635;
 Best Local Similarity 100.0%; Pred. No. 1,761,02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 397 MRLQ 401

RESULT 4
 US 09-864,761-44078
 ; Sequence 44078, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 ; FILE REFERENCE: Aomic-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04

; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/754,566
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GR 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annotmax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 43078
 ; LENGTH: 20
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC011739.2
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
 ; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.99
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
 ; OTHER INFORMATION: EST_HUMAN HIT: AA309974.1, EVALUATE 6.00e-03
 US-09-864-761-43078

Query Match 91.3%; Score 21; DB 10; Length 20;
 Best Local Similarity 80.0%; Pred. No. 14;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRLQ 5
 |||||
 Db 6 MRLQ 10

RESULT 5
 US-09-864-761-45213
 ; Sequence 45213, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 ; FILE REFERENCE: Aomic-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23

;; PRIOR APPLICATION NUMBER: US 60/180,312
;; PRIOR FILING DATE: 2000-02-04
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: US 09/034,366
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: GB 24263,6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/006666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 09/608,408
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: US 09/774,203
;; PRIOR FILING DATE: 2001-01-29
;; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
;; SEQ ID NO 45213
;; LENGTH: 33
;; TYPE: PRT
;; ORGANISM: Homo sapiens
;; FEATURE:
;; OTHER INFORMATION: MAP TO AP001415.1
;; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.62
;; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.74
;; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.71
;; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
;; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
US-09-864-761-45213

Query Match 91.3% Score 21; DB 10; Length 33;
Best Local Similarity 80.0%; Pred. No. 24;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 6;

QY 1 MLRIQ 5
|||:|
DB 14 MLRMQ 18

RESULT 6
US-09-764-870-389
;; Sequence 389, Application US/09764870
;; Patent No. US20020042186A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosen et al.
;; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;; FILE REFERENCE: PT214
;; CURRENT APPLICATION NUMBER: US/09/764,870
;; CURRENT FILING DATE: 2001-01-17 consult PAM or file wrapper
;; Prior application data removed
;; NUMBER OF SEQ ID NOS: 646
;; SOFTWARE: PatentIn Ver. 2.0

;; SEQ ID NO 389
;; LENGTH: 56
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-764-870-389

Query Match 91.3% Score 21; DB 10; Length 56;
Best Local Similarity 80.0%; Pred. No. 42;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 0;

QY 1 MLRIQ 5
|||:|
DB 31 MLRIQ 35

RESULT 7
US-09-882-166-2
;; Sequence 2, Application US/09882166
;; Patent No. US20020151009A1
;; GENERAL INFORMATION:
;; APPLICANT: Meyers, Rachel A.
;; TITLE OF INVENTION: 53070, A NOVEL HUMAN PROTEIN KINASE
;; FILE REFERENCE: FAMILY MEMBER AND USES THEREOF
;; FILE REFERENCE: 10448-067001
;; CURRENT APPLICATION NUMBER: US/99/882,166
;; PRIOR APPLICATION NUMBER: 2001-06-15
;; PRIOR FILING DATE: 69/212,078
;; PRIOR FILING DATE: 2000-06-15
;; NUMBER OF SEQ ID NOS: 6
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 2
;; LENGTH: 367
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-882-166-2

Query Match 91.3% Score 21; DB 10; Length 367;
Best Local Similarity 80.0%; Pred. No. 36-02;
Matches 4, Conservative 1, Mismatches 0, Indels 0, Gaps 0;

QY 1 MLRIQ 5
|||:|
DB 234 MLRIQ 228

RESULT 8
US-09-779-429-1
;; Sequence 1, Application US/09779429
;; Patent No. US20010007156A1
;; GENERAL INFORMATION:
;; APPLICANT: Davick, John
;; APPLICANT: Gilliam, Jacob
;; TITLE OF INVENTION: A Hydroperoxide Lyase Gene from Maize and Methods of
;; FILE REFERENCE: Use
;; FILE REFERENCE: Maize hydroperoxide lyase (HPL)
;; CURRENT APPLICATION NUMBER: US/09/779,429
;; CURRENT FILING DATE: 2001-02-08
;; PRIOR APPLICATION NUMBER: 09/417,704
;; PRIOR FILING DATE: 1999-10-13
;; NUMBER OF SEQ ID NOS: 2
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 1
;; LENGTH: 502
;; TYPE: PRT
;; ORGANISM: Zea mays
;; FEATURE:
;; NAME/KEY: HELIX
;; LOCATION: (304)
;; OTHER INFORMATION: 1-helix: Forms oxygen binding pocket
;; OTHER INFORMATION: (356)...(459) Highly conserved in P450's (ETIR)
;; OTHER INFORMATION: (492)...(413) Highly conserved in P450's (KDP XXXX
;; OTHER INFORMATION: PEEF
;; NAME/KEY: BINDING

LOCATION: (448)
OTHER INFORMATION: Heme-binding site
US 09 779-429-1

Query Match
Best Local Similarity 80.0%; Score 21; DB 10; Length 582;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 415 MLRLQ 419

RESULT 9

US 09-925-302-801

Sequence 801; Application US/09925302

Patent No. US20020344941A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

FILE REFERENCE: PA104

CURRENT APPLICATION NUMBER: US/09/925,302

PRIOR FILING DATE: 2001-08-10

PRIOR APPLICATION NUMBER: PCT/US00/056418

PRIOR FILING DATE: 2000-03-08

PRIOR APPLICATION NUMBER: 60/124,276

NUMBER OF SEQ ID NOS: 966

SOFTWARE: Patent In Ver. 2.0

SEQ ID NO 801

LENGTH: 581

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (1)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-925-302-801

Query Match
Best Local Similarity 80.0%; Score 21; DB 10; Length 581;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 415 MLRLQ 419

RESULT 10

US 09 815-242-4957

Sequence 4957; Application US/09815242

Patent No. US20020061569A1

GENERAL INFORMATION:

APPLICANT: Haselbeck, Robert

APPLICANT: Ohlsen, Karl L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.

APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in

FILE REFERENCE: FLITRA-011A

CURRENT APPLICATION NUMBER: US/09/815,242

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 4957

LENGTH: 1024

TYPE: PRT

ORGANISM: Enterococcus faecalis

US-09-815-242-4957

Query Match
Best Local Similarity 80.0%; Score 21; DB 10; Length 1024;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 216 MLRLQ 220

RESULT 11

US-09-815-242-10552

Sequence 10552; Application US/09815212

Patent No. US20020061569A1

GENERAL INFORMATION:

APPLICANT: Haselbeck, Robert

APPLICANT: Ohlsen, Karl L.

APPLICANT: Zyskind, Judith W.

APPLICANT: Wall, Daniel

APPLICANT: Carr, Grant J.

APPLICANT: Yamamoto, Robert T.

APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential Genes in

FILE REFERENCE: FLITRA-011A

CURRENT APPLICATION NUMBER: US/09/815,212

PRIOR FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: 60/191,078

PRIOR FILING DATE: 2000-03-21

PRIOR APPLICATION NUMBER: 60/206,848

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: 60/207,727

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: 60/242,578

PRIOR FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 60/253,625

PRIOR FILING DATE: 2000-11-27

PRIOR APPLICATION NUMBER: 60/257,931

PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR FILING DATE: 2001-02-16

NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 10552

LENGTH: 1189

TYPE: PRT

ORGANISM: Enterococcus faecalis

US-09-815-242-10552

Query Match
Best Local Similarity 80.0%; Score 21; DB 10; Length 1189;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

DB 249 MLRLQ 253

RESULT 12

US-09-908-322-56

Sequence 56, Application US/09908322

Patent No. US20020102194A1

GENERAL INFORMATION:

APPLICANT: Ish-Horowitz, David
Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon
Gray, Grace

TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF
VERTEBRATE DELTA GENE AND METHODS BASED THEREON

NUMBER OF SEQUENCES: 94

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: NY

COUNTRY: USA

ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/908,322

FILING DATE: 17-Jul-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/981,392

FILING DATE: 22-DEC-1997

ATTORNEY/AGENT INFORMATION:

NAME: Mistock, S Leslie

REGISTRATION NUMBER: 18,872

REFERENCE/BOOK NUMBER: 7326-123

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-793-9090

TELEFAX: 212-869-8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 56:

SEQUENCE CHARACTERISTICS:

LENGTH: 25 amino acids

TYPE: amino acid

STRANDEDNESS: <Unknown>

TOPOLOGY: unknown

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 56:

US-09-908-322-56

Query Match 87.0%; Score 20; DB 10; Length 25;

Best Local Similarity 80.0%; Pred. No. 32;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLRIQ 5

Db 20 LLRIQ 24

RESULT 13

US-09-864-761-47178

Sequence 47178, Application US/09864761

Patent No. US2002004876A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENE-DEFERIVED SINGLE EXON NUCLEIC ACID PHORES USEFUL FOR

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Aomic-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GR 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00566
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/648,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,303
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: AnnuMax Sequence Listing Engine Vers. 1.1
SEQ ID NO 47178
LENGTH: 36
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC004739.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.63
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.51
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.5
US-09-864-761-47178

Query Match 87.0%; Score 20; DB 10; Length 36;

Best Local Similarity 80.0%; Pred. No. 47;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLRIQ 5

Db 11 LLRIQ 15

RESULT 14

US-09-728-912-3

Sequence 3, Application US/09728912

Patent No. US20010036643A1

GENERAL INFORMATION:

APPLICANT: Holloway, James L.

TITLE OF INVENTION: Tumor Necrosis Factor Stimulated Gene

TITLE OF INVENTION: and Protein

FILE REFERENCE: 99-940S

CURRENT APPLICATION NUMBER: US/09/728,912

CURRENT FILING DATE: 2000-12-01

PRIOR APPLICATION NUMBER: 60/169,252

PRIOR FILING DATE: 1999-12-06

NUMBER OF SEQ ID NOS: 14

SOFTWARE: FastSeq for Windows Version 3.0

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; SEQ ID NO 3
; LENGTH: 65
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-912-3

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Best local Similarity 80.0%; Pred. No. 74;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLRLQ 5
DB 16 MVRQ 20

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RESULT 15

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US-09-867-550-1142
; Sequence 1132, Application US/09867550
; Patent No. US20020382206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020382206A1 Polynucleotides from Atherogenic Cells and
; FILE REFERENCE: 21402-013 (Cara-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1132
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-1142

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Query Match      87.0%; Score 20; DB 10; Length 60;
Best local Similarity 80.0%; Pred. No. 81;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLRLQ 5
DB 1 MLRVQ 5

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Search completed: January 16, 2003, 17:00:10
Job time : 4.07143 secs

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